

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|   |  |  |  |
|---|--|--|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> |  | Attorney Docket No. <b>H9876.0074/P074</b> |  |
|   |  | First Inventor <b>Shinichi Furuhashi</b>   |  |
|   |  | Title <b>COMMUNICATION GAME EQUIPMENT</b>  |  |
|   |  | Express Mail Label No.                     |  |

  

|   |   |
|---|---|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b><br>MS Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450 |
|---|---|

  

|   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><small>(Submit an original, and a duplicate for fee processing)</small><br>2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages <b>17</b>]</span><br><small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets <b>9</b>]</span><br>5. Oath or Declaration <span style="float: right;">[Total Sheets ]]</span> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/> <small>(for continuation/divisional with Box 18 completed)</small></li> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></li> </ul> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)<br>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br><small>(if applicable, all necessary)</small> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:             <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> |
|---|--|

  

|  |  |
|--|--|
| <b>ACCOMPANYING APPLICATIONS PARTS</b>   |  |
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><small>(when there is an assignee)</small><br>11. <input type="checkbox"/> English Translation Document (if applicable)<br>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><small>(Should be specifically itemized)</small><br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><small>(if foreign priority is claimed)</small><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).<br><small>Applicant must attach form PTO/SB/35 or its equivalent.</small><br>17. <input checked="" type="checkbox"/> Other: <b>Claim for Priority</b> |  |

  

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation   
 ☐ Divisional   
 ☐ Continuation-in-part (CIP)   
 of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_   
 Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

  

|  |  |                                 |  |  |  |
|--|--|---------------------------------|--|--|--|
| <b>19. CORRESPONDENCE ADDRESS</b>  |  |                                 |  |  |  |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label              |  | <b>24998</b>                    |  | <input checked="" type="checkbox"/> Correspondence address below |  |
| Name <b>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP</b><br><b>Thomas J. D'Amico</b> |  |                                 |  |  |  |
| Address <b>2101 L Street NW</b>  |  |                                 |  |  |  |
| City <b>Washington</b>   |  | State <b>DC</b>                 |  | Zip Code <b>20037-1526</b>                                       |  |
| Country <b>US</b>  |  | Telephone <b>(202) 785-9700</b> |  | Fax <b>(202) 887-0689</b>  |  |

  

|   |  |   |  |
|---|--|---|--|
| Name (Print/Type) <b>Mark J. Thronson</b> |  | Registration No. (Attorney/Agent) <b>33,082</b> |  |
| Signature                                 |  | Date <b>July 22, 2003</b>                       |  |

15939 U.S. PTO

10/624508



13281 U.S. PTO  
07/23/03

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| FEE TRANSMITTAL<br>for FY 2003   |  | Complete if Known    |                       |
|--|--|----------------------|-----------------------|
| Effective 01/01/2003, Patent fees are subject to annual revision.              |  | Application Number   | Not Yet Assigned      |
|  |  | Filing Date          | Concurrently Herewith |
|  |  | First Named Inventor | Shinichi Furuhashi    |
|  |  | Examiner Name        | Not Yet Assigned      |
|  |  | Art Unit             | N/A                   |
|  |  | Attorney Docket No.  | H9876.0074/P074       |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  |                      |                       |
| TOTAL AMOUNT OF PAYMENT (\$)   |  | 750.00               |                       |

  

| METHOD OF PAYMENT (check all that apply)  | FEE CALCULATION (continued)  |              |              |  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
|---|--|--------------|--------------|--|-----------------|-----------------|----------|----------|----------|----------|----------|------|------|------|--------------------|-------------------------------------|------|------|------|------|-------------------|---|------|------|------|------|------------------|---------------------------|------|------|-------|------|--------------------|--|------|------|------|------|------------------------|--|---------------------|------|--------|------|--------|---|--------------|------|---------|------|--------------|--|----------------|------|----------|------|--------------------|---|--------|------|-----|------|-----|--|--|------|--------------------|------|-----|---|--|------|-------|------|-----|--|--------------|------|--------------|------|-----------------|------------------|----------|----------|----------|----------|------|--|------|------|------------------------|------|------|--------------------------|------|------|-----------------------------------|------|-------|---|------|------|---------------------------------------|------|------|----------------------------------|------|------|--|------|------|------------------------------------|------|------|--|------|---------------------|--------------------------------|--|------|------|------|---|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|-------------------------------------|--|------|-----|------|-----|---|--|------|----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|
| <input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None<br><input checked="" type="checkbox"/> Deposit Account<br>Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">04-1073</span><br>Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Dickstein Shapiro Morin &amp; Oshinsky LLP</span><br>The Director is hereby authorized to: (check all that apply)<br><input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   | <h3 style="text-align: center;">3. ADDITIONAL FEES</h3> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> | Large Entity |              | Small Entity   |                 | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1051 | 130  | 2051 | 65                 | Surcharge - late filing fee or oath |      | 1052 | 50   | 2052 | 25                | Surcharge - late provisional filing fee or cover sheet. |      | 1053 | 130  | 1053 | 130              | Non-English specification |      | 1812 | 2,520 | 1812 | 2,520              | For filing a request for <i>ex parte</i> reexamination |      | 1804 | 920* | 1804 | 920*                   | Requesting publication of SIR prior to Examiner action |                     | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |              | 1251 | 110     | 2251 | 55           | Extension for reply within first month |                | 1252 | 410      | 2252 | 205                | Extension for reply within second month |        | 1253 | 930 | 2253 | 465 | Extension for reply within third month |  | 1254 | 1,450              | 2254 | 725 | Extension for reply within fourth month |  | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month |              | 1401 | 320          | 2401 | 160             | Notice of Appeal |          | 1402     | 320      | 2402     | 160  | Filing a brief in support of an appeal |      | 1403 | 280                    | 2403 | 140  | Request for oral hearing |      | 1451 | 1,510                             | 1451 | 1,510 | Petition to institute a public use proceeding |      | 1452 | 110                                   | 2452 | 55   | Petition to revive - unavoidable |      | 1453 | 1,300  | 2453 | 650  | Petition to revive - unintentional |      | 1501 | 1,300  | 2501 | 650                 | Utility issue fee (or reissue) |  | 1502 | 470  | 2502 | 235   | Design issue fee |  | 1503 | 630 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37CFR 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  |
| Large Entity  |  | Small Entity |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1051  | 130  | 2051         | 65           | Surcharge - late filing fee or oath  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1052  | 50   | 2052         | 25           | Surcharge - late provisional filing fee or cover sheet.                    |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1053  | 130  | 1053         | 130          | Non-English specification  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1812  | 2,520  | 1812         | 2,520        | For filing a request for <i>ex parte</i> reexamination                     |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1804  | 920*   | 1804         | 920*         | Requesting publication of SIR prior to Examiner action                     |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1805  | 1,840*   | 1805         | 1,840*       | Requesting publication of SIR after Examiner action                        |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1251  | 110  | 2251         | 55           | Extension for reply within first month                                     |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1252  | 410  | 2252         | 205          | Extension for reply within second month                                    |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1253  | 930  | 2253         | 465          | Extension for reply within third month                                     |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1254  | 1,450  | 2254         | 725          | Extension for reply within fourth month                                    |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1255  | 1,970  | 2255         | 985          | Extension for reply within fifth month                                     |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1401  | 320  | 2401         | 160          | Notice of Appeal   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1402  | 320  | 2402         | 160          | Filing a brief in support of an appeal                                     |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1403  | 280  | 2403         | 140          | Request for oral hearing   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1451  | 1,510  | 1451         | 1,510        | Petition to institute a public use proceeding                              |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1452  | 110  | 2452         | 55           | Petition to revive - unavoidable   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1453  | 1,300  | 2453         | 650          | Petition to revive - unintentional   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1501  | 1,300  | 2501         | 650          | Utility issue fee (or reissue)   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1502  | 470  | 2502         | 235          | Design issue fee   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1503  | 630  | 2503         | 315          | Plant issue fee  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1460  | 130  | 1460         | 130          | Petitions to the Commissioner  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1807  | 50   | 1807         | 50           | Processing fee under 37 CFR 1.17(q)  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1806  | 180  | 1806         | 180          | Submission of Information Disclosure Stmt                                  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 8021  | 40   | 8021         | 40           | Recording each patent assignment per property (times number of properties) |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1809  | 750  | 2809         | 375          | Filing a submission after final rejection (37 CFR 1.129(a))                |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1810  | 750  | 2810         | 375          | For each additional invention to be examined (37CFR 1.129(b))              |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1801  | 750  | 2801         | 375          | Request for Continued Examination (RCE)                                    |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1802  | 900  | 1802         | 900          | Request for expedited examination of a design application                  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <h3 style="text-align: center;">FEE CALCULATION</h3> <h4 style="text-align: center;">1. BASIC FILING FEE</h4> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td>750.00</td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>(\$)</td> <td>750.00</td> </tr> </tbody> </table> <h4 style="text-align: center;">2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</h4> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <td>Total Claims</td> <td>8</td> <td>-20** =</td> <td></td> <td>Extra Claims</td> <td></td> <td>Fee from below</td> <td></td> <td>Fee Paid</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>-3** =</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table> <p style="font-size: 0.7em;">** or number previously paid, if greater; For Reissues, see above</p> | Large Entity   |              | Small Entity |  | Fee Description | Fee Paid        | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001     | 750  | 2001 | 375  | Utility filing fee | 750.00                              | 1002 | 330  | 2002 | 165  | Design filing fee |   | 1003 | 520  | 2003 | 260  | Plant filing fee |                           | 1004 | 750  | 2004  | 375  | Reissue filing fee |  | 1005 | 160  | 2005 | 80   | Provisional filing fee |  | <b>SUBTOTAL (1)</b> |      |        |      | (\$)   | 750.00  | Total Claims | 8    | -20** = |      | Extra Claims |  | Fee from below |      | Fee Paid |      | Independent Claims | 2                                       | -3** = |      |     |      |     |  |  |      | Multiple Dependent |      |     |   |  |      |       |      |     |  | Large Entity |      | Small Entity |      | Fee Description | Fee Paid         | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1202 | 18                                     | 2202 | 9    | Claims in excess of 20 |      | 1201 | 84                       | 2201 | 42   | Independent claims in excess of 3 |      | 1203  | 280   | 2203 | 140  | Multiple dependent claim, if not paid |      | 1204 | 84                               | 2204 | 42   | ** Reissue independent claims over original patent |      | 1205 | 18                                 | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent |      | <b>SUBTOTAL (2)</b> |                                |  |      | (\$) | 0.00 | <p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid</p> <p style="text-align: right;"><b>SUBTOTAL (3)</b> (\$)</p> <p style="text-align: right;">0.00</p> |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Large Entity  |  | Small Entity |              | Fee Description  |                 |                 | Fee Paid |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1001  | 750  | 2001         | 375          | Utility filing fee   | 750.00          |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1002  | 330  | 2002         | 165          | Design filing fee  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1003  | 520  | 2003         | 260          | Plant filing fee   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1004  | 750  | 2004         | 375          | Reissue filing fee   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1005  | 160  | 2005         | 80           | Provisional filing fee   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <b>SUBTOTAL (1)</b>   |  |              |              | (\$)   | 750.00          |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Total Claims  | 8  | -20** =      |              | Extra Claims   |                 | Fee from below  |          | Fee Paid |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Independent Claims  | 2  | -3** =       |              |  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Multiple Dependent  |  |              |              |  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Large Entity  |  | Small Entity |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Fee Code  | Fee (\$)   | Fee Code     | Fee (\$)     |  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1202  | 18   | 2202         | 9            | Claims in excess of 20   |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1201  | 84   | 2201         | 42           | Independent claims in excess of 3  |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1203  | 280  | 2203         | 140          | Multiple dependent claim, if not paid                                      |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1204  | 84   | 2204         | 42           | ** Reissue independent claims over original patent                         |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1205  | 18   | 2205         | 9            | ** Reissue claims in excess of 20 and over original patent                 |                 |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <b>SUBTOTAL (2)</b>   |  |              |              | (\$)   | 0.00            |                 |          |          |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |   |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |                     |      |        |      |        |   |              |      |         |      |              |  |                |      |          |      |                    |   |        |      |     |      |     |  |  |      |                    |      |     |   |  |      |       |      |     |  |              |      |              |      |                 |                  |          |          |          |          |      |  |      |      |                        |      |      |                          |      |      |                                   |      |       |   |      |      |                                       |      |      |                                  |      |      |  |      |      |                                    |      |      |  |      |                     |                                |  |      |      |      |   |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |

  

| SUBMITTED BY      |                  | Complete (if applicable)          |                |
|-------------------|------------------|-----------------------------------|----------------|
| Name (Print/Type) | Mark J. Thronson | Registration No. (Attorney/Agent) | 33,082         |
| Signature         |                  | Telephone                         | (202) 775-4742 |
|                   |                  | Date                              | July 22, 2003  |